

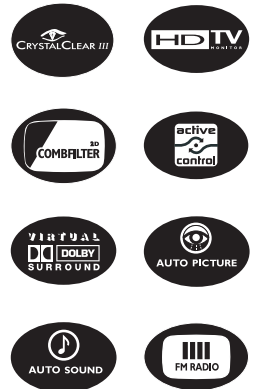


Philips  
Flat TV with Crystal Clear  
III

23"

LCD HDTV monitor

23PF8946



## Turn up your experience

with Crystal Clear III

Here is an LCD TV that not only enhances the décor of your home with its European styling and slim design, but also provides a great A/V experience with Crystal Clear III, Active Control and Virtual Dolby Surround.

### Vivid, natural and razor sharp images

- High-definition LCD WXGA display, 1280 x 768p
- HDTV Monitor for the highest quality display of HDTV signals
- Crystal Clear III for natural images with enhanced quality
- 2D Combfilter sharpens images for finer detail
- Active Control optimizes picture quality whatever the source

### Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

### Stylish design

- Compact design

### My personal entertainment center

- Built-in FM radio to enjoy your favorite radio stations.
- PC input lets you also use your TV as a PC monitor
- Auto Picture to personalize your viewing
- Auto Sound uses pre-defined sound settings for better sound

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 450 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 450:1
- **Diagonal screen size:** 23 inch / 58 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Crystal Clear III, Contrast Plus, Progressive Scan, 2D Combfilter, Active Control, Sharpness Adjustment
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (H / V):** 140 / 125 degree
- **Panel resolution:** 1280 x 768p

### Supported Display Resolution

#### • Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75Hz
832 x 624	75Hz
1024 x 768	60, 70, 75Hz

#### • Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1920 x 1080i	2Fh

### Sound

- **Sound Enhancement:** Dynamic Bass Enhancement
- **Sound System:** Virtual Dolby Surround
- **Output power (RMS):** 2 x 5 W

### Convenience

- **Ease of Installation:** Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning

stereo system		transmission system	
BTSC	PAL	PAL	NTSC
DBX	M	N	M
o	o	o	o

- **Ease of Use:** Auto Volume Leveller (AVL), AutoPicture, AutoSound, Program List, Top Controls
- **Remote control type:** RC19335021/01
- **Clock:** Sleep Timer
- **VESA Mount:** 100 x 100 mm
- **Child Protection:** Child Lock

### Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** NTSC, PAL M, PAL N
- **Video Playback:** NTSC, PAL, PAL B/G
- **Aerial Input:** 75 ohm F-type
- **Tuner Display:** PLL
- **Number of Preset Channels:** 181

### Connectivity

- **Number of AV connections:** 2
- **Other connections:** FM Antenna, F-Type (75 ohm), HD input via VGA, PC-In VGA
- **AV 1:** AV In, CVI
- **AV 2:** AV in, S-Video
- **Front / Side connections:** Audio in, Headphone out

### Power

- **Power consumption:** 80W W
- **Standby power consumption:** <3W
- **Ambient temperature:** 5 °C to 40 °C

### Dimensions

- **Product weight:** 10.2 kg
- **Box dimensions (W x H x D):** 780 x 210 x 551 mm
- **Dimensions (with base) (W x H x D):** 704 x 420 x 217 mm

### Accessories

- **Included Accessories:** Mini jack to Cinch (Female), Table top stand

## Product highlights

### LCD WXGA display, 1280 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you HD resolution of 1280 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

### HDTV Monitor

HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

### Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colors.

### 2D Combfilter

The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.

### Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

### Virtual Dolby Surround

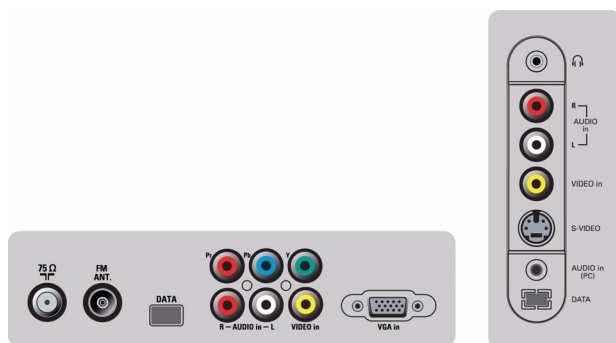
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

### FM Radio

An FM radio capable of storing 40 preset stations in built in. On-screen station naming makes navigation simple, and a handy Clock Screensaver is also included for use while listening.

### PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.



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